

# Code of Practice for Supply Diversion into Illicit Drug Manufacture



## Foreword



The production, supply and use of amphetamine type substances is an emerging problem within our society. As this problem has grown, police efforts in tandem with community concern have worked towards reducing street level supply of illegally manufactured drugs.

International treaties and national harm-reduction strategies include regulated and co-operative approaches to monitoring the distribution of chemicals and equipment used in the illicit manufacture of amphetamines and associated psychostimulants.

In Australia, the success of these strategies has been a significant factor in effectively dismantling the source of supply for clandestine drug laboratories. The co-operation and assistance of the science, chemical and allied industries has played a key role in the success to date.

The National Code of Practice is a significant initiative in supporting those strategies, which represent industry's concern for the community. The key objectives of the Code include the establishment of a common system of practice for Australian chemical manufacturers, importers and distributors and scientific equipment and instrument suppliers. Essential strategies have been formulated relating to protection against diversion of essential chemicals and scientific equipment, co-operation with government and law enforcement, as well as the development of education and training programs for staff and end users of precursor chemicals and associated scientific equipment.

The National Code of Practice is voluntary with the expectation of self-regulatory arrangements between industry membership, law enforcement agencies and the community. Industry members should be aware, however, that Federal and/or State governments may formalise such guidelines through legislation or regulations if they consider there is insufficient support or adherence under these existing self-regulatory arrangements.

Law Enforcement Agencies stress the need for co-operation and assistance from individuals and members of the science, chemical and allied industries in reducing the availability of amphetamines and associated psychostimulants at street level.

I am delighted that each jurisdiction has worked in partnership with industry, in developing the National Code of Practice for members of the Plastics And Chemicals Industries Association (PACIA) and Science Industry Australia (SIA).

A handwritten signature in black ink, appearing to read 'Keith Evans'.

Keith Evans  
Chair  
Inter-Governmental Committee on Drugs

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# 1 Objectives

The objectives of this Code are to establish a common system of practice for Australian scientific suppliers and chemical manufacturers, importers and distributors to:

- 1.1 Protect against the diversion of chemicals and scientific equipment into the illicit production of drugs.
- 1.2 Cooperate with government and law enforcement agencies in the controlled delivery of chemicals and scientific equipment destined for use in the illicit production of drugs, where this is expected to lead to the apprehension and conviction of criminals involved in such trade or production.
- 1.3 Educate and train staff and where practical end users of the precursor drug chemicals as to the issues involved and the procedures to be adopted.

# 2 Precursor Chemicals and Ancillary Materials

The listing of chemicals and ancillary materials known to have been used in the illicit manufacture of drugs is given in Appendix 1 and is divided into three categories in this Code where:

## Category I

Lists chemicals that require an End User Declaration (EUD) with each purchase and may only be sold to 'account customers' or customers that are prepared to open an account. (See Appendix 3 for 'EUD Example Format'). Supply of these chemicals to End Users or Distributors must be delayed for a period of not less than 24 hours.

## Category II

Lists chemicals and apparatus that require an EUD when sold to non-account customers.

## Category III

Lists chemicals and apparatus that may be used in the illicit production of drugs. Purchases from this list should alert companies or organisations to seek further indicators of any suspicious orders or enquiries. No official reporting is required for items on this list unless considered warranted.

# 3

## Procedures

### 3.1 Registration of Company or Organisation Compliance

A company or organisation that is a supplier of chemicals and/or scientific apparatus listed in any of the three categories may register with Science Industry Australia to be recognised as complying with this Code of Practice.

Appendix 2 of this Code provides the Registration to Comply, to be returned to Science Industry Australia. Science Industry Australia will maintain an updated list of complying companies at [www.scienceindustry.com.au](http://www.scienceindustry.com.au). Science Industry Australia will issue an annual Certificate of Compliance to each company confirming its commitment to this Code.

### 3.2 Sales Monitoring

Each company or organisation that is a supplier of chemicals and/or chemical apparatus listed in any of the three categories and who have agreed to be a party to this document, shall closely monitor all sales within Australia of these goods and comply with the requirements as listed for each category.

### 3.3 Record Keeping

The following information for each transaction involving a Category I chemical substance shall be maintained for a period of not less than two years and shall be made available to the appropriate government authorities upon request, including

- Name and address of purchaser
- Name of Category I chemical substance
- Quantity of the Category I chemical substance
- Date of supply (ex premises)
- Completed End User Declaration

Companies are reminded that there are varying legislative requirements in jurisdictions that enforce the reporting of sales of drug precursors. They also cover the responsibilities of storing and disseminating EUD's.

Companies are also required to fully complete the EUD where they participate in the distribution of these categorised products to End Users.

These distribution companies are also required to sign the specific Distributor Section of the End User. They will also be required to ensure End User signs the EUD as well in these situations.

### 3.4 Notification of Suspicious Orders or Enquiries

Any company or organisation that is a party to this Code, must use discretion and draw upon experience when any substance listed in any of the categories is requested, in ascertaining whether an order or enquiry is 'routine' or 'suspicious'.

In order to help identify suspicious orders or enquiries, a check list is provided in Appendix 4 of this Code, entitled 'Some Indicators of Suspicious Orders or Enquiries'.

Parties to this document must notify their jurisdiction's law enforcement agency of any suspicious enquiry or order for all Category I chemical substances, Category II chemical substances and scientific apparatus when sold to non account customers, and Category III chemical substances and scientific apparatus when suspicious circumstances are indicated. Such notification shall be made as soon as practicable and in any case prior to dispatch/collection of the substances. Details of each jurisdiction's law enforcement agencies contacts are provided in Appendix 6.

The requirement to report suspicious enquiries or orders shall also cover mixtures and compounds which contain Category I substances that can be extracted for the illicit manufacture of drugs. This notification requirement for suspicious enquiries should be in the form of telephone and/or fax with supporting documentation.

### **3.5 Storage**

Parties to this Code are required to provide locked storage for all items listed in Category I. Access to this storage should be restricted or controlled and stock checks undertaken at each access.

### **3.6 Education and Training**

Parties to this Code are required to educate and train their staff involved in the storage, handling, sale and use of the chemicals and apparatus listed in the three categories to take appropriate precautions and to follow procedures that will enable them to cooperate with the Government and law enforcement agencies.

Special attention should be given to awareness training so that the welfare of the individuals concerned is protected.

Parties to this Code are required to ensure as far as practicable that the purchasers or users of the items listed, in particular those in Categories I and II, are aware of the potential misuse of the items and the procedures that should be taken to minimise their possible diversion into illicit manufacture of drugs.

### **3.7 Liaison Officers**

Each party to this Code of Practice shall nominate, in each sales outlet, one or more liaison officers whose specific responsibility shall be to:

- a) Ensure that appropriate systems and procedures are introduced and maintained, and that staff members are regularly and effectively trained to facilitate adequate sales monitoring and record keeping.

- b) Ensure that 'suspicious orders and enquiries' are reported to the relevant law enforcement agency.

The liaison officers should be of a management level.

### 3.8 Incorporation of the Code of Practice into company management systems

A company or organisation that agrees to comply with this Code of Practice in accordance with Clause 3.1 shall ensure that this Code is incorporated into the company or organisation internal management systems and procedures.

An appropriate level of documentation to integrate the Code into those systems and procedures shall be implemented and maintained by the company or organisation. Appendix 5 provides a working example of an Internal Compliance Checklist.

## 4

## Updating the Code

Any party wishing to extend or otherwise change the list of chemicals and apparatus included in the three categories should apply in writing to either the Plastics and Chemicals Industries Association (PACIA) or Science Industry Australia (SIA) as shown below. Such an application will receive prompt consideration. In any event the Code will be routinely reviewed on an annual basis by a joint committee from the PACIA and SIA.

### MANAGER

Plastics and Chemicals Industries Association

Level 2

263 Marly Street

PO Box 211, Richmond Vic 3121

Email [info@pacia.org.au](mailto:info@pacia.org.au)

Net: [www.pacia.org.au](http://www.pacia.org.au)

Phone: (03) 94290670

Fax: (03) 94290690

### EXECUTIVE DIRECTOR

Science Industry Australia

PO Box 2237

Queanbeyan NSW 2620

Email: [sia@scienceindustry.com.au](mailto:sia@scienceindustry.com.au)

Net: [www.scienceindustry.com.au](http://www.scienceindustry.com.au)

Phone: (02) 62842566

Fax: (02) 62842766

## **5** Application of the Code

This Code of Practice for Supply Diversion into Illicit Drug Manufacture was prepared jointly by the Chemicals Sector of PACIA and SIA in consultation with Government and Law Enforcement Agencies. The initial code of conduct was established in 1994 and has been the subject of review to respond to the changing trends in illicit drug production. Similarly a register of companies signing the code will be maintained by PACIA and SIA.

The Code is intended to be used by scientific equipment suppliers, chemical manufacturers, importers, distributors and particularly laboratory suppliers throughout Australia, so that uniform procedures are adopted to facilitate communication with the various Governments and law enforcement agencies and to protect the welfare of the employees of the companies or organisations that are parties to the Code.

This version of the Code is dated June 2002.



# Appendix 1

## ILLICIT DRUG PRECURSORS/REAGENTS

### CATEGORY I

For Sale to Account Customers Only - EUD Required

CHEMICAL NAME	ALTERNATE NAME	CAS NO
Acetic anhydride		108-24-7
Bromobenzene Phenylbromide		108-86-1
Bromo safrole		
Boron tribromide		10294-33-4
1-Chlorophenyl-2-aminopropane		
L-Ephedrine (salts)		
Ethyl phenyl acetate	Benzene acetic acid, ethyl ester	101-97-3
Gamma butyrolactone		96-48-0
Gamma hydroxybutyrate salts		
Hydriodic acid	Hydrogen iodide	10034-85-2
Hypophosphorous acid	Phosphinic acid	6303-21-5
Methcathinone		
3,4-Methylenedioxyphenylpropan-2-one		
N-Methyl ephedrine		552-79-4
Methyl phenylacetate	Benzeneacetic acid, methyl ester	101-41-7
N-Methylpseudoephedrine		51018-28-1
Norpseudoephedrine		53643-20-2
Phenylacetamide		103-81-1
Phenylacetic acid, salts & esters		
2-Phenylacetonitrile	Benzyl cyanide/Benzeneacetonitrile/ Benzyl nitrile	140-29-4
Phenylacetyl chloride		103-80-0
1-Phenyl-2-chloropropane		
1-Phenyl-2-nitropropene		
Phenylpropanolamine	Norephedrine	37577-28-9
1-Phenyl-2-propanone	Benzyl methyl ketone, Phenylacetone	103-79-7
1-Phenyl-2-propanone oxime		
1-Phenyl-2-propanol		14898-87-4
Phosphorus red/white		7723-14-0
Phosphorus acid	Phosphonic Acid	10294-56-1 /13598-36-2
Pseudoephedrine (salts)		
Pyridine		110-86-1

## CATEGORY II - ILLICIT DRUG PRECURSORS/REAGENTS

EUD Only Required When Sold to Non-Account Customers

CHEMICAL NAME	ALTERNATE NAME	CAS NO
N-Acetylanthranilic acid	2-Acetamidobenzoic acid	89-52-1
Allylbenzene	3-Phenyl-1-propene /2-Propenyl Benzene	300-57-2
Ammonium formate		540-69-2
Anthranilic acid	2- Aminobenzoic acid	118-92-3
Benzaldehyde		100-52-7
Benzyl chloride-Chlorotoluene		100-44-7
Benzyl bromide	a-Bromotoluene	100-39-0
Calcium metal		7440-70-2
Chromate salts		
Chromium trioxide	Chromium(VI) oxide	1333-82-0
Dichromate salts		
Ergometrine	Ergonovine	60-79-7
Ergotamine		113-15-5
Ethanamine	Monoethylamine	75-04-7
N-Ethylephedrine		
N-Ethylpseudoephedrine		
Formamide		75-12-7
Hypophosphite salts		
Iodine (salts)		7553-56-2
Isosafrole	1,3-Benzodioxole,5-(1-propenyl)-	120-58-1
Lithium metal		7439-93-2
Lysergic acid		
Magnesium metal		7439-95 4
Methylamine (gas)	Aminomethane/Monoemethylamine	74-89-5
Methylammonium salts		
N-Methylformamide		123-39-7
Palladium (salts)		
Phenylalanine		
Piperidine		110-89-4
Piperonal	3,4-Methylenedioxy-benzaldehyde	120-57-0
Heliotropine		
Potassium metal		7440-09-7
Propionic anhydride		123-62-6
Raney nickel		12635-29-9

## CATEGORY II - ILLICIT DRUG PRECURSORS/REAGENTS (Cont'd)

Safrole	5-(2-Propenyl)-1,3-Benzodioxide	94-59-7
Sassafras oil		8006-80-2
Sodium metal		7440-23-5
Thionyl chloride		7719-09-7
Thorium (salts)		

### APPLICABLE APPARATUS

#### Gas Cylinders

Hydrogen sulfide gas		7783-06-4
Hydrogen chloride gas		7647-01-0
Hydrogen gas		1333-74-0
Ammonia gas		7664-41-7
Methylamine gas		74-89-5

#### Glassware

Round bottom reaction flask:	capacity 500ml or greater (including the repair or modification)
Condenser:	joint size B19 or greater
Splash Heads and Distillation Heads	

#### Scientific Apparatus

Heating mantles:	capacity 500ml or greater (including the repair or supply of parts)
Pill presses:	manual or mechanical
Rotary Evaporators	

## CATEGORY III - ILLICIT DRUG REAGENTS/ESSENTIAL CHEMICALS

No Reporting Required. This list should be used as guide to alert staff that these products may be used in illicit drug manufacture

CHEMICAL NAME	ALTERNATE NAME	CAS NO
Acetic acid	Glacial Acetic Acid/ Ethanoic Acid	64-19-7
Acetone	2-Propanone	67-64-1
Acetonitrile	Methylcyanide	75-05-8
Acetyl chloride		75-36-5
Chloroform	Trichloromethane	67-66-3
Cyclohexanone	Sextone	108-94-1
Diethyl ether	Ethyl ether/ Ether	60-29-7
Formic acid		64-18-6
Hydrochloric acid	Muriatic acid/ Hydrogen chloride	7647-01-0
Lithium aluminium hydride	LAH, Lith Al	16853-85-3
Mercuric chloride	Mercury(II) chloride/ Mercury bichloride	7487-94-7
Methyl ethyl ketone	MEK/ 2-Butanone	78-93-3
Nitroethane		79-24-3
Phosphorus pentachloride	Phosphorane pentachloride	10026-13-8
Phosphorus pentoxide	Phosphoric pentoxide/ Phosphorus oxide Phosphoric anhydride	1314-56-3
Phosphorus trichloride	Phosphorus chloride	7719-12-2
Potassium cyanide		151-50-8
Potassium permanganate		7722-64-7
Sodium acetate	Acetic Acid, sodium salt	127-09-3
Sodium cyanide		143-33-9
Sodium hydroxide	Caustic soda	1310-73-2
Sulfuric acid		7664-93-9
Tetrahydrofuran		109-99-9
Toluene	Methyl benzene / Toluol	108-88-3

### Applicable Apparatus

Buchner funnels

Buchner flasks

Magnetic Stirrer/Hotplates

Separating funnels

Chemical balances

Quickfit adapters

## Appendix 2

### REGISTRATION TO COMPLY

#### CODE OF PRACTICE FOR SUPPLY DIVERSION INTO ILLICIT DRUG MANUFACTURE

This is to certify that the applicant supplies items that are covered by Category I and/or Category II and/or Category III of this Code of Practice.

The applicant confirms that it will be bound by the terms of this Code of Practice and will integrate the provisions of the Code in to internal management systems and procedures. The applicant will document this Code in those internal systems and procedures at an appropriate level to ensure internal compliance.

Name of Applicant: .....

Address: .....

Phone: ..... Fax: .....

Email: .....

Signature of representative of applicant: .....

Date: .....

Name: .....

Title: .....

SIA will return a Certificate of Compliance in the name of the applicant listed above. If you have more than one sales outlet, additional copies of the Certificate can be supplied.

Please indicate the total number of Certificates required

Clause 3.6 provides for the appointment of Liaison Officers, please indicate your Liaison Officer for each sales outlet

**Please return to:**  
Science Industry Australia  
PO Box 2 237  
Queanbeyan NSW 2620

## Appendix 3

### END-USER DECLARATION (EUD) EXAMPLE FORMAT

The Chemical product and/or scientific apparatus I wish to purchase is classified as a possible illicit drug precursor or auxiliary reagent. I understand that to be supplied this product a signed end-user declaration must be provided together with an order, on identifiable company stationery. (Please note that cash sale transactions are not permitted for Category I Items).

Catalogue No.	Product Name	Quantity	Pack Size	Order No.

Intended use: Analytical  Resale  Research & Design  Other  Manufacturing

Please specify full details of assay, project, product customer etc: .....

#### Purchaser Details and Declaration

I, ..... being .....  
(Full Name) (Position)  
on behalf of .....  
(Company or Institution)

Address .....

Account No ..... (ACN No) declare that the above  
chemical product/apparatus will not be used for the manufacture of illicit drugs.

Signature ..... Date .....

#### Details of Collecting Agent's Identification

Current Passport No: ..... Country of Issue: .....

Current Photograph Licence No: ..... Expiry Date: .....

Photo Identification Card Type: .....

---

#### End User Distributor/Supplier Details and Declaration

I, ..... being .....  
(Full Name) (Position)  
on behalf of .....  
(Company or Institution)

Address .....

Account No ..... (ACN No) declare that the above  
chemical product/apparatus will not be used for the manufacture of illicit drugs.

Signature ..... Date .....

NOTE: 1) Please attach a photocopy of current photo driver's licence.  
2) The form must be completed with all details.

## Appendix 4

### Some Indicators of Suspicious Orders or Enquiries

#### Indicators which can be used by the industry to identify suspect customers

- A new customer
- A 'walk-in' customer (personal appearance)
- An offer to pay an excessive price for certain chemicals or apparatus for rapid delivery
- Cash payments, even for large purchases
- Requests to have the merchandise delivered in non-commercial or unmarked packaging
- Purchases in small containers even when industrial use is claimed
- Irregular ordering patterns and unusual quantities ordered
- Orders or purchases by persons or companies with no obvious need for these chemicals
- Indications of intended use that is inconsistent with the chemical ordered
- Merchandise that is collected with the purchaser's own vehicle
- Request for delivery by air freight
- Delivery to a post office box or other incomplete address
- Failure or unwillingness to supply a telephone number or an address
- Lack of business acumen and absence of standard business stationery
- Reluctance to supply a written order
- Orders for more than one precursor chemical
- Orders to universities or well-known companies where the normal arrangements for ordering are used but delivery is requested to a specific individual
- Orders to companies which are not known and cannot readily be traced in trade directories
- Orders for chemicals with delivery instructions where the cost of delivery or routing exceeds the cost of the merchandise.

# Appendix 5

## INTERNAL COMPLIANCE CHECKLIST

### Code of Practice for Supply Diversion into Illicit Drug Manufacture

The following elements need to be considered and appropriately implemented to ensure internal compliance with this Code.

- Senior management commitment obtained
- Registered with SIA as complying with the Code
- Sales Monitoring procedure implemented
- Record-keeping procedure implemented
- Notification of suspicious orders and/or enquiries procedure implemented
- Storage procedure implemented
- Education and Training procedure implemented
- Liaison Officer(s) appointed
- Code of Practice integrated in to internal management systems and procedures
- Regular review period established

Authorised by .....

Date .....



## Appendix 6

### CONTACT DETAILS OF LAW ENFORCEMENT CHEMICAL AND SCIENTIFIC EQUIPMENT DIVERSION PROGRAMS

#### ACT

Chemical Diversion Desk

Ph: (02) 6256 7464

Fax: (02) 6256 7676

Address:

Australian Federal Police

ACT Drug Team

GPO Box 401

Canberra ACT 2601

#### WESTERN AUSTRALIA

Chemical Diversion Desk

Ph: (08) 9223 3558

Fax: (08) 9223 3566

Address:

Level 7

Curtin House

60 Beaufort Street

Perth WA 6000

#### NEW SOUTH WALES

Chemical Operations

Ph: (02) 93168133

Fax: (02) 93165993

Address:

Level 4

Prince Alfred Park Building

219-241 Cleveland Street

Strawberry Hills NSW 2012

#### SOUTH AUSTRALIA

Chemical Diversion Program

Ph: (08) 8463 7800 / 0417 069 096

Fax: (08) 8463 7818

Address:

Drug & Organised Crime

Investigation Branch

GPO Box 1539

Adelaide SA5001

#### VICTORIA

Chemical Diversion Program

Ph: (03) 9865 2618

Fax: (03) 9865 2655

Address:

Drug Squad

12th Floor

412 St Kilda Road

Melbourne VIC 3000

#### TASMANIA

Chemical Diversion Desk

Ph: (03) 6230 2695

Fax: (03) 6230 2333

Address:

Level 5

43 Liverpool Street

Hobart TAS 7000

#### QUEENSLAND

Chemical Diversion Desk

Ph: (07) 3364 4337

Fax: (07) 3364 4254

Address:

State Drug Investigation Group

GPO Box 1440

Brisbane QLD 4000

#### NORTHERN TERRITORY

Chemical Diversion Desk

Ph: (08) 8922 3141

Fax: (08) 8922 3171

Address:

PO Box 3976

Winnellie NT 0821

# Appendix 7

## MEMBERSHIP LIST

### Science Industry Australia

A&D Mercury Pty Ltd  
A.i. Scientific Pty Ltd  
Adept Electronic Solutions Pty Ltd  
Agilent Technologies Australia Pty Ltd  
APS Chemicals Australia Ltd  
Arthur Bailey Surgico Pty Ltd  
ATA Scientific Pty Ltd  
Australian Scientific Pty Ltd  
AVT Services Pty Ltd

B.E.S.T. Lab Instrumentation Pty Ltd  
Bacto Laboratories Pty Ltd  
Banksia Scientific Company Pty Ltd  
Beckman Coulter Australia Pty Ltd  
Becton Dickinson Australia Pty Ltd  
Bio-Rad Laboratories Pty Ltd  
BOC  
Bonnet Equipment Pty Ltd

Carl Zeiss Pty Ltd  
Chemical Fume Handling Equipment  
Chemskill  
Conditionaire International Pty Ltd  
Crown Scientific Pty Ltd

Eppendorf South Pacific Pty Ltd  
ETM Pacific Pty Ltd

Finlease  
Fronine Pty Ltd

Gallay Scientific  
GBC Scientific Equipment Pty Ltd

Hamilton Australia  
Hanna Instruments Pty Ltd  
HD Scientific Supplies Pty Ltd

ICN Biomedical Australasia Pty Ltd  
Instruments, Chemicals &  
Pharmaceuticals Pty Ltd  
Integrated Sciences Pty Ltd

John Morris Scientific Pty Ltd

Kelly Scientific Resources (Labstaff Pty Ltd)  
Kendro Laboratory Products

LabWare Asia Pacific Pty Ltd  
Leica Microsystems Pty Ltd  
Lomb Scientific Pty Ltd

MEP Instruments Pty Ltd  
Merck Pty Ltd  
Mettler Toledo Ltd  
Miele Australia Pty Ltd  
Millennium Science Pty Ltd  
Millipore Australia Pty Ltd

Olympus Australia Pty Ltd  
Oxford Instruments Pty Ltd

Pall Gelman Laboratory  
Pathtech Pty Ltd  
PerkinElmer Pty Ltd  
Perth Scientific Equipment  
ProSciTech

Quantum Scientific Pty Ltd

Radiometer Pacific Pty Ltd  
Rheology Solutions Pty Ltd

Sarstedt Australia Pty Ltd  
Sci-Med Resources  
Science Supply Australia Pty Ltd  
Scientex Pty Ltd  
Scientific Solutions Pty Ltd  
Scitech Pty Ltd  
Scot Scientific Pty Ltd  
Scriptus Art & Design Pty Ltd  
SGE International Pty Ltd  
Shimadzu Scientific Instruments (Oceania) Pty Ltd  
Sieper & Co Pty Ltd  
Sigma-Aldrich Pty Ltd  
Spectro Analytical Australia Pty Ltd

Taylor Wharton Australia Pty Ltd  
Techstaff

Varian Australia Pty Ltd  
Vertex Research  
Vivendi Water Systems Pty Ltd LifeScience  
Waters Australia Pty Ltd  
Weigh-Tech (Sales) Pty Ltd  
What's New Magazines  
Whatman Asia Pacific

### Plastic and Chemicals Industries Australia

Ace Plastics Pty Ltd  
Acron Plastics Pty Ltd  
Adchem (Australia) Pty Ltd  
Adept Insurance Brokers Pty Ltd  
AEP Filmpac NSW  
AEP Flexipac Victoria  
AEP Industries (Australia) Pty Ltd  
Afro Foam Pty Ltd  
AGC Plastics (Aust) Pty Ltd  
Air Liquide Australia Limited  
Air Liquide Healthcare Pty Ltd  
Air Products Australia Pty Ltd  
Akzo Nobel Chemicals Pty Ltd  
Albright & Wilson (Australia) Limited  
Alvey Reels Australia

Amalgamated Diemould D-M-E Pty Ltd  
 Amtrade International Pty Ltd  
 Anchor Plastics Pty Ltd  
 AndPak (Aust) Pty Ltd  
 APS - Culamix  
 APS Plastics Pty Ltd  
 APS Polymers & Rubber  
 Ariel Industries Pty Ltd  
 Ashland Pacific Pty Ltd  
 Asia Pacific Specialty Chemicals Limited  
 Asia Pacific Specialty Chemicals Ltd -  
 Culamix NSW  
 Asia Pacific Specialty Chemicals Ltd  
 - Culamix Victoria  
 Astron Plastics Group  
 Atofina (Australia) Pty Ltd  
 Australian Challenge (Operations) Pty Ltd  
 Australian Paper  
 Australian Plastics Re-processing Pty Ltd  
 Australian Urethane Systems Pty Ltd  
 Australian Vinyls Corporation Ltd  
 Austrim Nylex - Nylex Division  
 Austrim Nylex - Plastic Products Division  
 Autotex  
  
 Basell Australia Pty Ltd  
 BASF Australia Limited  
 Bayer Australia Ltd  
 Bechtel Services Australia Pty Ltd  
 BetzDearborn Australia Pty Limited  
 BHPFlat Products  
 BHPSteel Limited  
 Biolab Australia Pty Ltd  
 BOC Gases Australia Ltd  
 Bostik Findley (Australia) Pty Ltd  
 Bostik Singapore  
 Brickwood Holdings Pty Ltd  
 Buckman Laboratories Pty Ltd  
 Bulk Handling Australia Pty Ltd  
 Burns Philp & Company Ltd  
 Cabot Australasia Pty Ltd  
 Caled Containers Pty Ltd  
 Camatic Pty Ltd  
 Cartigny Pty Ltd  
 CDR Analytical Pty Ltd  
 Chemind Hi-Tec Polymers  
 Chemson Pacific  
 Chemsultation Pty Ltd  
 Chem-Trend Australia  
 Chisholm Institute  
 Chlor Alkali  
 Ciba Specialty Chemicals Pty Limited  
 Cintox Pty Ltd  
 Clariant (Australia) Pty Ltd  
 Clariant Switzerland  
 Closure Technology  
 Coca-Cola Amatil Limited  
 Coca-Cola Amatil Limited  
 - Beverage Packaging  
 Cognis Australia Pty Ltd  
 Colour Dispersion Company Pty Ltd  
 Consolidated Chemical Co  
 Coogee Chemicals Pty Ltd  
 Coogee Energy Pty Ltd  
 Cooperative Research Centre for  
 Polymer Blends  
 Cooperative Research Centre for Polymers  
 Cressey Chemicals (Australia) Pty Ltd  
 Croda Australia

Cromford Pty Ltd  
 Crop Care Australasia Pty Ltd  
 CRT Group  
 Cryovac Australia Pty Ltd  
 Crystalite Plastics Pty Limited  
 CSIRO Health Sciences & Nutrition  
 CSIRO Molecular Science  
 Custom Geotextiles Pty Ltd  
 Cytec Australia Holdings Pty Ltd  
  
 DaiEi Australasia Pty Ltd  
 Dart Container Corp  
 Davco Construction Materials Pty Limited  
 Davison Industries  
 Deca Training  
 Degussa Australia Pty. Limited  
 Degussa Coatings and Colorants Pty Ltd  
 Delphi Automotive  
 Dentons Pty Ltd  
 Detmark Poly Bags Pty Ltd  
 Donnelly Machinery Pty Ltd  
 Douglas Bean (Aust) Pty Ltd  
 Dow Chemical (Aust) Ltd  
 Dow Chemical (Australia) Limited  
 Dow Chemical Pacific (Singapore) Pte Ltd  
 Dow Corning Australia Pty Limited  
 Drew Australia Pty Ltd  
 DSLDrum Services  
 Dulux Australia  
 Dundas Smith & Son Pty Ltd  
 Dunlop Flooring  
 Dunlop Foam & Fibre Group  
 DuPont (Australia) Ltd  
 DuPont (New Zealand) Limited  
 DuPont Far East Inc - Malaysia Wisma Budimar  
 DuPont Specialty Chemicals  
 Duromer Products Pty Ltd  
  
 Eastman Chemical Ltd  
 ECOLAB Pty Ltd  
 EcoRecycle Victoria  
 EKAChemicals (Australia) Pty Ltd  
 Encor Pty Ltd  
 Environmental Health Services (Australia) Pty Ltd  
 Era Polymers Pty Ltd  
 Esso Australia Pty Ltd  
 Esso Singapore Pte Ltd  
 Ethyl Asia Pacific Company  
 Etonwood Asia Pacific Pty Ltd  
 Extrusion Technology Pty Ltd  
 Exxon Mobil Chemical Australia Ltd  
 Exxon Mobil, Asia-Pacific  
  
 FBT Operations (NSW) Pty Ltd  
 Fernz Specialty Chemicals  
 FGI  
 Flexi-Foam Pty Ltd  
 Foamco Industries Pty Ltd  
 Frontier Industries Pty Ltd  
 Furntech - AFRDI  
  
 General Polymers  
 Golden Bros Group Pty Ltd  
 GreenMoore Enterprises Pty Ltd  
 Ground Consolidation Pty Ltd  
 Group Supply  
  
 Haht Commerce Pty Ltd  
 Halco Engineering (Aust) Pty Ltd

Handelsons Pty Ltd  
 Hardman Australia Pty Ltd  
 Hartley Corporation  
 HB Fuller Company Aust Pty Ltd  
 Helios Electroheat Pty Ltd  
 Hella Australia Pty Ltd  
 Henkel Adhesives  
 Herbert-Brown Machinery Pty Ltd  
 Hercules Plastics  
 Hofmann & Co (Aust) Pty Ltd  
 Hook Plastics  
 Hotco  
 Huntsman Chemical Co Australia Pty Ltd  
 Huntsman Chemical Co Australia Pty Ltd  
 - Surfactants  
 Huntsman ICI Polyurethanes  
 (Australia) Pty Ltd  
 Huntsman Polyurethanes (Australia) Pty Ltd  
 Husky Injection Molding Systems ANZ Pty Ltd  
 Hydro-Chem (NSW) Pty Ltd

Incitec Ltd  
 Industrial Pipe Systems Pty Limited  
 Integrated Packaging  
 International Sales & Marketing Pty Ltd  
 Isochem Australia  
 ITW Deltar/Hi-Cone  
 ITW Hi-Cone

J. Furphy and Sons Pty Ltd  
 Johndec Engineering Plastics Pty Ltd  
 Johnson Matthey Pigments & Ceramics  
 (Aust) Pty Ltd  
 Joyce Corporation  
 Joyce Foam Products  
 Joyce Rural Pty Ltd  
 JWS Plastics Pty Ltd

K&S Freighters  
 K&S Freighters Pty Ltd  
 Kangan Batman TAFE  
 Kevron Plastics Pty Ltd  
 K-Lite Pty Ltd  
 Kodak (Australasia) Pty Ltd  
 Kraton Polymers  
 Kuhn Corp Packaging  
 Kwik Lok

Laminex Industries  
 Leap Australia Pty Ltd  
 Leschen Consulting  
 Linpac Rotational Mouldings Pty Ltd  
 LJ Wallace Group  
 Long Plastics (Aust) Ltd  
 Lu Papi & Associates Pty Ltd  
 Lubrizol International, Inc.

Marplex  
 Marplex Australia Ltd  
 Marstel Terminals Ltd  
 Martogg & Co Pty Ltd  
 Masrac Nominees Pty Ltd  
 Matthews Australasia Pty Ltd  
 Meadow Lea Foods Ltd  
 Megara (Australia) Pty Ltd  
 Methanex Australia Pty Ltd  
 Methanol Australia Limited  
 Micro Plastics Pty Ltd  
 Milford-Astor Pty Ltd

Millennium Chemicals  
 Millennium Inorganic Chemicals  
 Millennium Performance Chemicals  
 (Advanced Ceramics) Pty Ltd  
 Minderman Sales Service International Pty Ltd  
 Modfix Australia Pty Ltd  
 Monsanto Australia Limited  
 Morgan Management  
 Moss Products Pty Ltd  
 Multichem Pty Ltd  
 Multix Pty Ltd  
 Nalco Exxon Energy Chemicals (Australia) P/L  
 National Starch and Chemical Pty Ltd  
 NCI Packaging Pty Ltd  
 Neumann Steel  
 Nissho Iwai Australia Ltd  
 Noel Arnold and Associates Pty Ltd  
 Norfoam Australia Pty Ltd  
 Normex Products Pty Ltd  
 North Queensland Chemicals & Paints  
 Nowra Chemical Manufacturers Pty Ltd  
 Nufarm Aust Ltd  
 Nufarm Coogee Pty Ltd  
 Nuplex Food and Pharma  
 Nuplex Industries (Aust) Pty Ltd  
 Nylex

Omya Southern  
 ONDEO Nalco  
 Onesteel Whyalla Steelworks  
 OPTIMAL  
 Orica Adhesives & Resins  
 Orica Australia Limited  
 Orica Chemicals  
 Orica Chemnet  
 Orica Engineering  
 Orica Explosives  
 Orica Mining and Resources  
 Orica SCP/EMP  
 Orica/Dulux  
 Outsourced Environmental

Pacific Terminals (Aust) Pty Ltd  
 Packmark Australia  
 Paramount Plastics (Aust)  
 Parbury Technologies Pty Ltd  
 Patina Plastics Pty Ltd  
 Patrick Corporation  
 Patrick Logistics Limited  
 PBE-Roboplas Pty Ltd  
 PC Ridgeway & Co Pty Ltd  
 PCAHodgson Chemicals Pty Ltd  
 PD Plastics (Aust) Pty Ltd  
 Pennicook Davison Pty Ltd  
 Pethelen Pty Ltd  
 Pharmacia (Perth) Pty Ltd  
 Phoenix Manufacturing Services Pty Ltd  
 Pivot Limited  
 Plaspak Group Ltd  
 Plastech Pty Ltd  
 Plastic Tooling Manufacturing Pty Ltd  
 Plastics International  
 Plastral Fidene Pty Ltd  
 Plexicor Australia  
 Pliant Corporation Pty Ltd  
 Pliant Corporation Pty Ltd  
 Polyam (SL) Pty Ltd  
 Polyfoam Australia Pty Ltd  
 Polymer Processors Pty Ltd

Polystyrene Australia  
Polystyrene Industries Pty Ltd  
PQ Australia Pty Ltd  
Practical Technology Training Aust Pty Ltd  
PRC-Desoto Australia Pty Ltd  
Prestige Group (Australia) Pty Ltd  
PRP Industries Pty Ltd  
Pulse Energy Pty Ltd

Qenos Pty Ltd

Raptisplax Pty Ltd  
Redox Chemical  
Redox Chemicals Pty Ltd  
Reese Viscount Limited  
Rema Industries & Services Pty Ltd  
Rhino Thermex (Aust) Pty Ltd  
Rhodia Australia Pty Ltd  
Rhodia PPMC Australia Ltd  
RMAX  
RMIT Department of Chemical &  
Metallurgical Engineering  
RMIT University  
Roblan Pty Ltd  
Rofin Australia Pty Ltd  
Rohm & Haas Australia Pty Ltd

S & G Precision Tools & Plastics  
Scalora Bros

Schiavello (vic) Pty Ltd  
Schiplas Pty Ltd  
Scope Machinery  
Sealed Air Australia Pty Ltd  
Selleys Pty Limited  
Selleys Rota Cota Pty Ltd  
Shell Chemicals Pty Ltd  
Shell Co of Aust Ltd  
Shell Company of Australia Ltd  
(Chemicals Division)  
Shell Engineering Pty Ltd  
Shell New Zealand Limited  
Shepherd Color International Inc.  
Sika Australia Pty Ltd  
Sims Aluminium Pty Limited  
Sims Plastics  
SNF (Australia) Pty Ltd  
Solvay Interox Pty Ltd  
Southstar Machinery Pty Ltd  
Sportsguard Pty Ltd  
Sulo MGB Australia Pty Ltd  
Sulzer Chemtech Australia Pty Ltd  
Sunace Australia Pty Ltd  
Swift & Co. Ltd

Tech Plas Extrusions Pty Ltd  
Technical Moulders Australia Pty Ltd  
Terminals Pty Ltd  
The Auto Edge  
The Decor Corporation Pty Ltd  
The Editors Desk  
Thermoplastic Foam Industries Pty Ltd  
Thompson Financial Services  
Thor Specialties Pty Limited  
Tiwest Joint Venture  
TR Chemicals (Australia) Pty Ltd  
Tiemco Pty Ltd  
Trencor Solutions Australia  
T-Systems Australia Pty Ltd

Ultra-Plas Pty Ltd  
Ultrastak Australia Pty Ltd  
URS Australia Pty Ltd

Valls Styrene Packaging Co Pty Ltd  
Valpak (Aust) Pty Ltd  
Vantico Pty Limited  
Viscount Plastics Pty Ltd  
Visy Industries  
Visy Plastics  
Visy Recycling  
Vivacity Engineering Pty Ltd  
Vivendi Water Service  
Vivendi Water Systems (Australia)  
Vopak Logistics Services Australia  
Vopak Terminals Australia Pty Limited

Wacker Chemicals Australia Pty Ltd  
Wagma Engineering Pty Ltd  
Water-Store Products Pty Ltd  
Welvic Australia Pty Ltd  
Wesfarmers CSBPLimited  
Wesfarmers CSBP Limited  
Westchem Pty Ltd  
Wickham Tooling & Plastics  
Wintech International Pty Ltd  
Wrapall Packaging Pty Ltd